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GATGTTGTGGTGACCCAACTCCACTCTCCCTGCCTGTCAGTCTTGGAGCTCAAGCCTCCATCTCTTGAGATCT 75  
CTACAACACCACTGGGTTTGAGGTGAGAGGGACGGACAGTCAGAACCTCGAGTTCGGAGGTAGAGAACGTCTAGA  
D V V V T Q T P L S L P V S L G A Q A S I S C R S  
AGTCAGAGCCTTGTACACAGTAATGGAACACCTTTTACATTGGTACCTGCAGAAGCCAGGCCAGTCTCCAAA 150  
TCAGTCTCGGAACATGTGTCACTTACCTTTGTGAAAAATGTAACCATGGACGTCTTCGGTCCGGTCAGAGGTTTT  
S Q S L V H S H G H T F L H Y Y L Q K P G Q S P K  
CTCCTGATCTACACAGTTTCCAACCGATTTTCTGGGGTCCCAGACAGGTTCAGTGGCAGTGGATCAGGGACAGAT 225  
GAGGACTAGATGTGTCAAAGGTTGGCTAAAAGACCCAGGGTCTGTCCAAGTCACCGTCACCTAGTCCCTGTCTA  
L L I Y T V S H R F S G V P D R F S G S G S G T D  
TTCACACTCAAGATCAGCAGAGTGGAGGCTGAGGATCTGGGAGTTTATTTCTGCTCTCAAACCTACACATGTTCCG 300  
AAGTGTGAGTTCTAGTCGTCTCACCTCCGACTCCTAGACCCTCAAATAAAGACGAGAGTTTGATGTGTACAAGGC  
F T L K I S R V E A E D L G V Y F C S Q T T H V P  
TGGACGTTCCGTGGAGGCACCAAGCTGGAATCCAA 336  
ACCTGCAAGCCACCTCCGTGGTTTCGACCTTTAGGTT  
W T F G G G T K L E I Q

FIGURE 1

00827 054260

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008211 0054260

GAGGTCCAGCTGCAGCAGTCTGGACCTGACCTGGTGAAGCCTGGGGCTTCAGTGAAGATCTCCTGCAAGGCTTCT 75  
CTCCAGGTGACGTCGTGAGACCTGGACTGGACCACTTCGGACCCCGAAGTCACTTCTAGAGGACGTTCCGAAGA  
E V Q L Q Q S G P D L V K P G A S V K I S C K A S  
GGTACTCATTCACTGGCTACTACATACTGGGTGAAGCAGAGCCATGGAAAGAGCCTTGAGTGGATTGGACGT 150  
CCAATGAGTAAGTGACCGATGATGTATGTGACCACTTCGTCTCGGTACCTTTCTCGGAACCTCACCTAACCTGCA  
G Y S F T G Y Y I H W V K Q S H G K S L E V I G R  
GTTATTCCTAACAAATGGAGGCACTAGTTACAACCAGAAGTTCAGGGCAAGGCCATATTAAGTGTAGACAAGTCA 225  
CAATAAGGATTGTTACCTCCGTGATCAATGTTGGTCTTCAAGTTCCTCGGTATAATTGACATCTGTTCACT  
V I P K N G G T S Y N Q K F K G K A I L T V D K S  
TCCAGCACAGCCTACATGGAAGTCCGCAGCCTGACATCTGAGGACTCTGCGGTCTATTACTGTGCAAGAGAAGGG 300  
AGGTGCTGTCGGATGTACCTTGAGGCGTGGACTGTAGACTCCTGAGACGCCAGATAATGACACGTTCTCTTCCC  
S S T A Y M E L R S L T S E O S A V Y Y C A R E G  
ATCTACTGGTGGGGCCACGGCACCACTCTCACAGTCTCCTCA 342  
TAGATGACCACCCCGGTGCCGTGGTGAAGTGTGAGAGGAGT  
I Y W W G H G T T L T V S S

FIGURE 2

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S2C6 VL  
DVVVTTQTPLSLPVSLGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKL  
CDR1

CDR1

LIYT~~VS~~NRFSGVPDRFSGSGSGTDFTLKISRVEAEDLGVYFCSOTTHVPWT  
CDR3

**CDR3**

**CDR2**

FGGGTKLEIQ

S2C6 VH  
EVQLQQSGPDLVKPGASVKISCKASGYSTGYIHWVKQSHGKSLEWIGRV  
CDR1

**CDR1**

IPNNGGTSYNOKFKGKAILTVDKSSSTAYMELRSLTSEDSAVYYCAREGIY  
CDR3

**CDR3**

**CDR2**

WWGHGTTLVSS

**FIGURES 3A-3B**

[illegible]

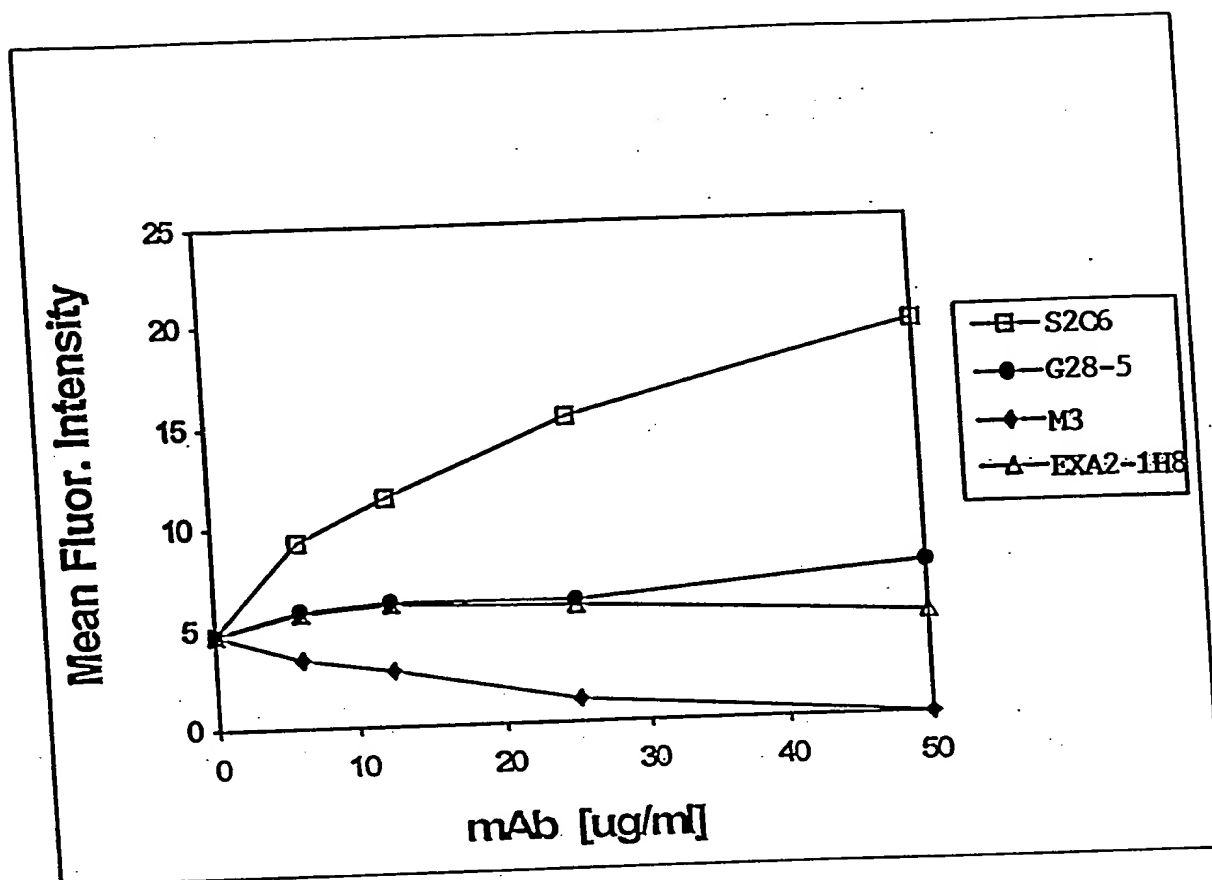


FIGURE 4

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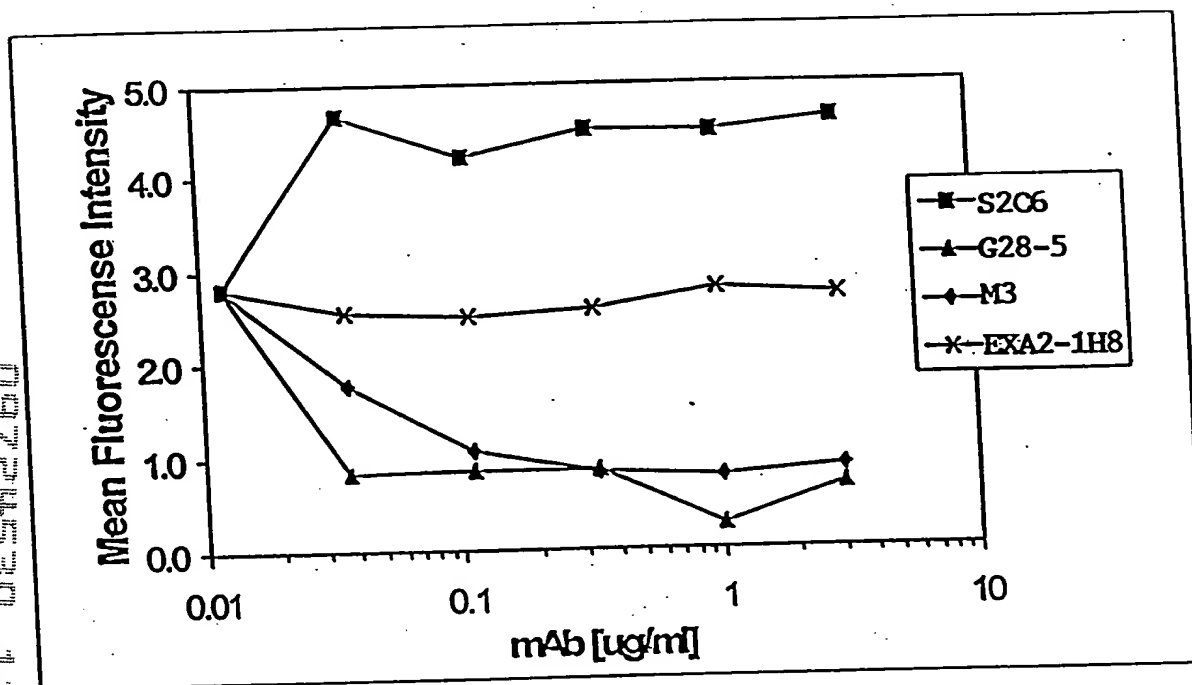


FIGURE 5

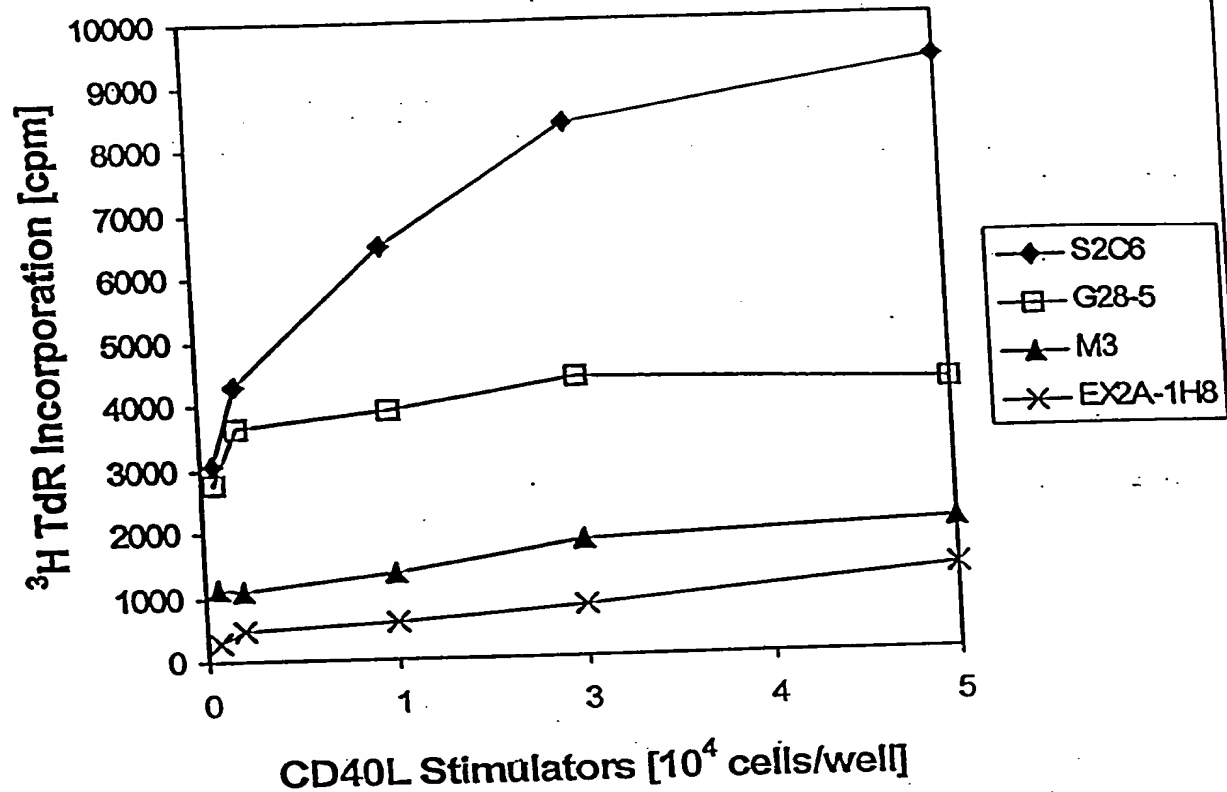


FIGURE 6

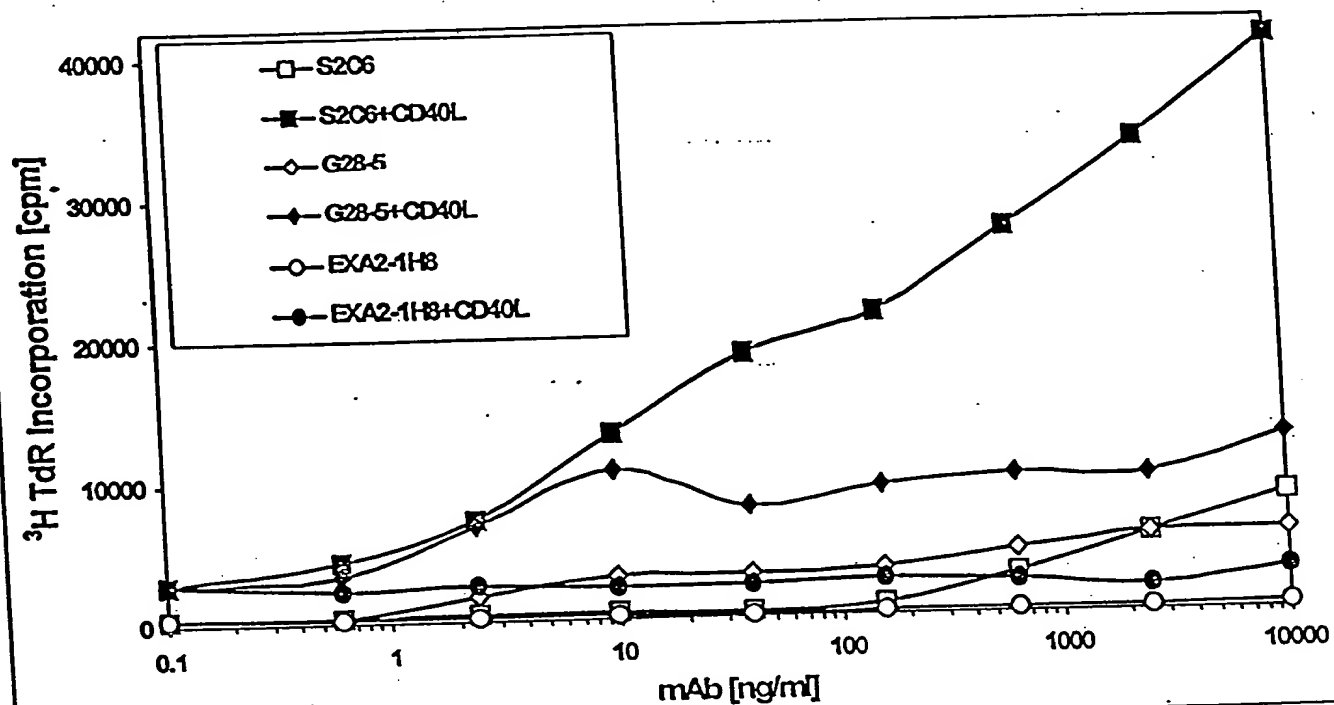
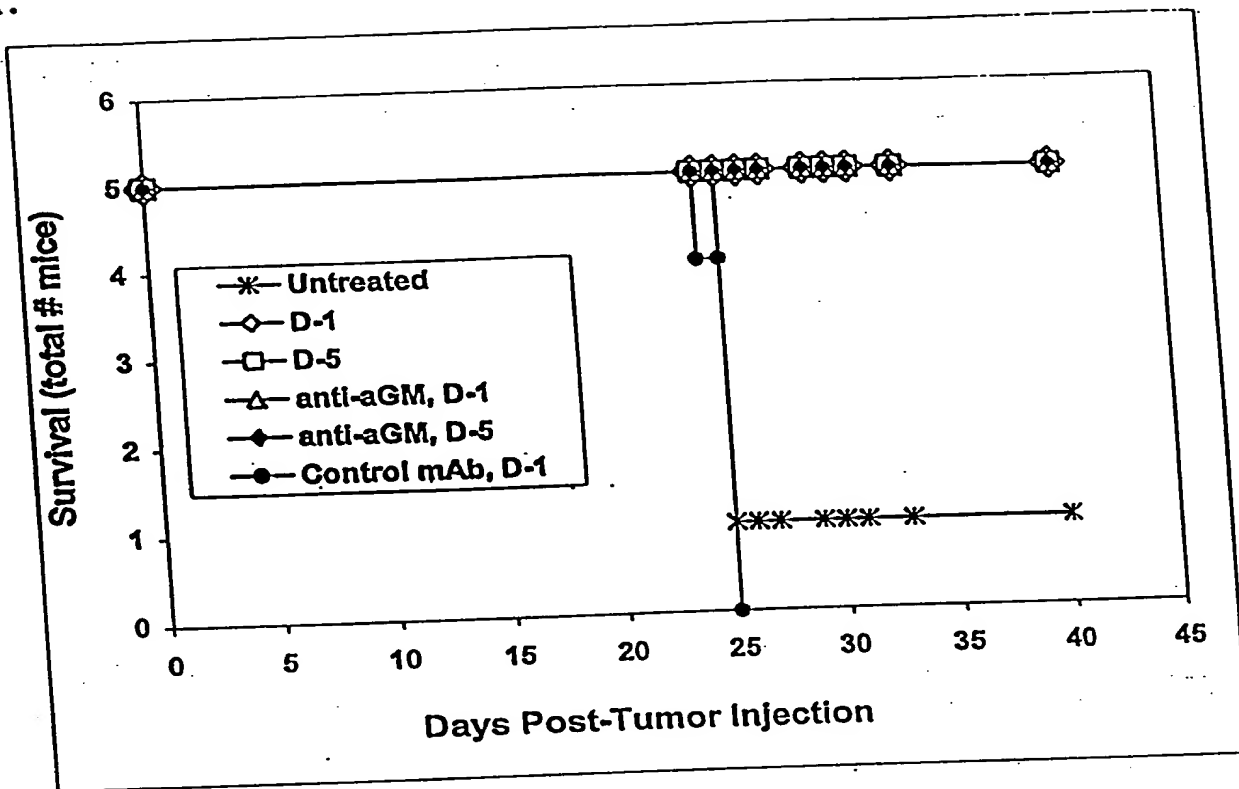


FIGURE 7

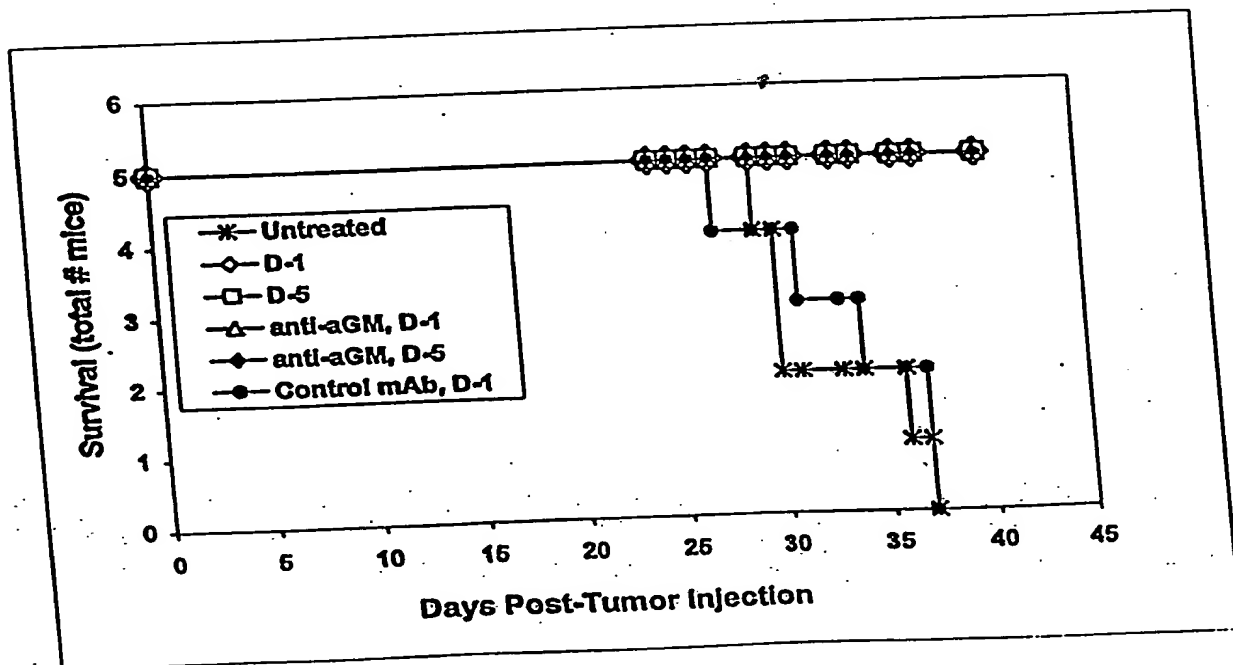
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A.



B.



FIGURES 8A-8B



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C.

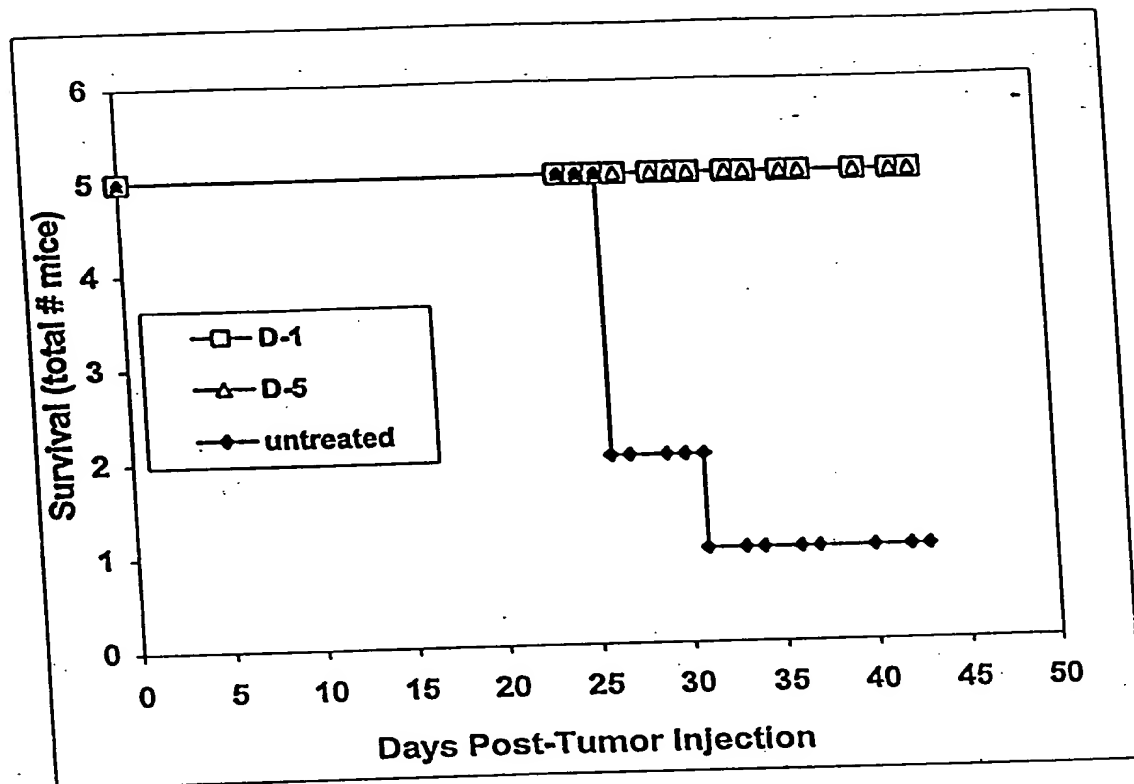


FIGURE 8C

BD1-S2C6 sFv ELISA Binding to CD40-Ig

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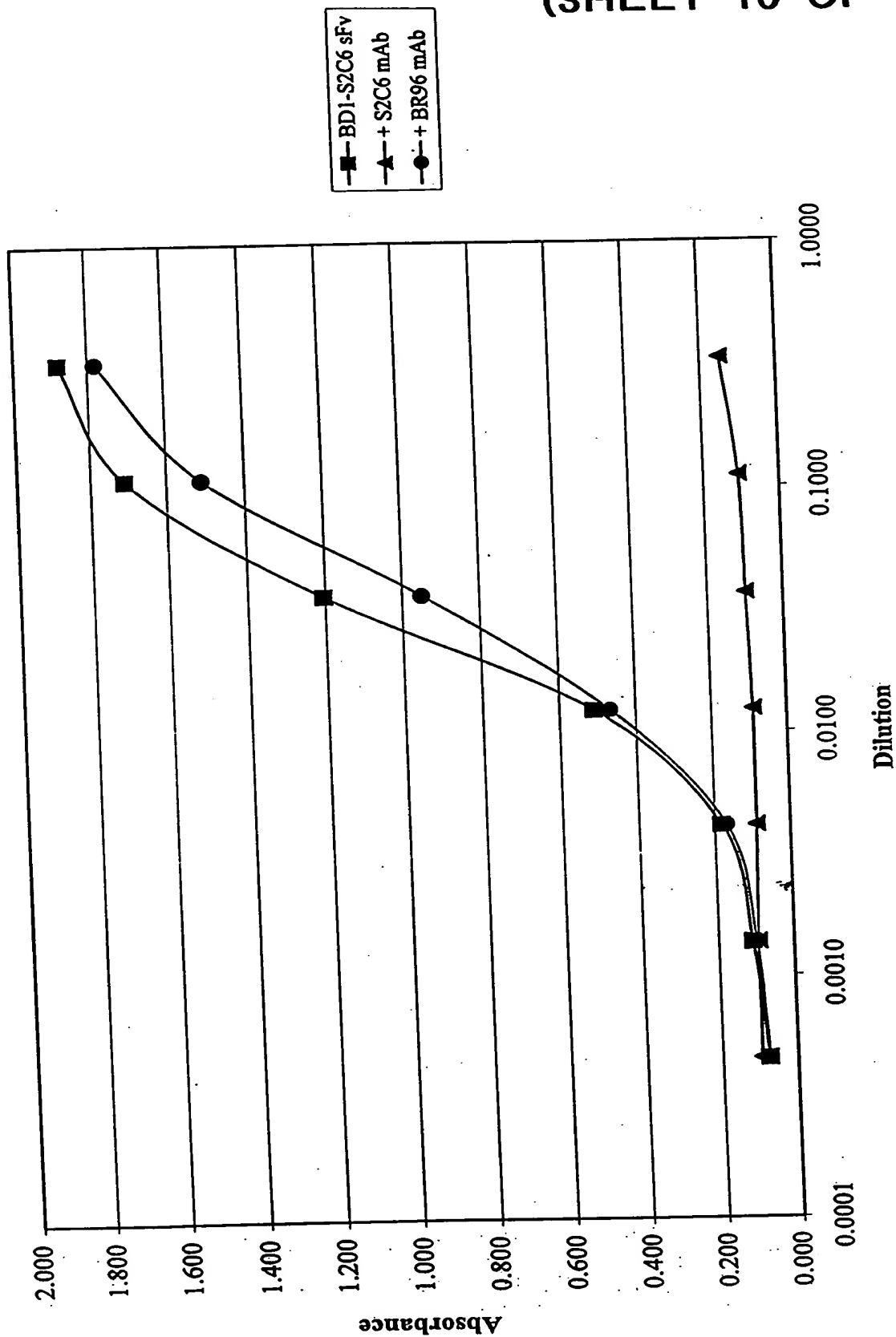


FIGURE 9